

(19) World Intellectual Property
Organization
International Bureau



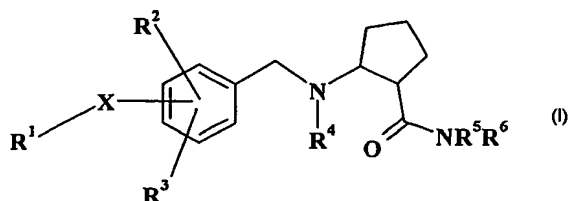
(43) International Publication Date
16 June 2005 (16.06.2005)

PCT

(10) International Publication Number
WO 2005/054178 A1

- (51) International Patent Classification⁷: **C07C 237/24**, A61K 31/16, A61P 25/00, 29/00, 13/00
- (74) Agents: MINOJA, Fabrizio et al.; Bianchetti Bracco Minoja S.r.l., Via Plinio 63, I-20129 Milano (IT).
- (21) International Application Number: PCT/EP2004/012835
- (22) International Filing Date: 12 November 2004 (12.11.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 03027050.8 24 November 2003 (24.11.2003) EP
- (71) Applicant (for all designated States except US): **NEWRON PHARMACEUTICALS S.p.A.** [IT/IT]; Via L. Ariosto, 21, I-20091 Bresso (IT).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **MELLONI, Piero** [IT/IT]; Via L. Ariosto, 21, I-20091 Bresso (IT). **SABIDO DAVID, Cibele, Maria** [IT/IT]; Via L. Ariosto, 21, I-20091 Bresso (IT). **RESTIVO, Alessandra** [IT/IT]; Via L. Ariosto, 21, I-20091 Bresso (IT). **FORLANI, Roberto** [IT/IT]; Via L. Ariosto, 21, I-20091 Bresso (IT). **SALVATI, Patricia** [IT/IT]; Via L. Ariosto, 21, I-20091 Bresso (IT).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CYCLOPENTYL DERIVATIVES



alkoxy groups; R⁴, R⁵, R⁶, R⁷ are independently hydrogen or C₁-C₆alkyl; and the pharmaceutically acceptable salts thereof that are active as sodium and/or calcium channel modulators and therefore useful in preventing, alleviating and curing a wide range of pathologies, including, but not limited to, neurological, psychiatric, cardiovascular, inflammatory, ophthalmic, urologic, metabolic and gastrointestinal diseases, where the above mechanisms have been described as playing a pathological role.